

# ABSTRACT

A protective tool for a therapeutic material delivery device prevents wrong sticking of the outer needle of the device after use and prevents dissipation of blood adhering to the outer needle and comprises a cover (8'A) and a cap (61) or stopper (65) attached to a forward end of said cover for protecting the forward end of the outer tubular needle (2A), wherein said cover (8'A) is formed of a plurality of tubes (8'A1, 8'A2, 8'A3, ...) having different diameters that are formed so as to consecutively decrease from a forward place to the outer needle hub (2B) in a backward place, and said tubes are thereby connected such that the cover (8'A) is extendable in the longitudinal direction, and a cartridge for use with the therapeutic material delivery device permits direct calibration of a radioactive source charged therein and comprises a transparent cartridge body (8, 18, 38) that holds said therapeutic material (10) inside and permits external visual observation of the therapeutic material (10) and a shielding outer tube (9, 19, 39) that is fitted on an outer circumference of the cartridge body, is slidable in the longitudinal direction of said cartridge body and is made of a radioactive ray shielding material, said cartridge body (8, 18, 38) being exposable with said sliding of said shielding outer tube.